

LISTING OF THE CLAIMS

This listing of claims is presented as a courtesy to the Examiner.


Claim 1 (Previously Presented): A transmissible connecting mechanism between valve shafts forming an angle, the transmissible connecting mechanism interlocking and driving the both valve shafts, which are respectively a lead air control valve shaft and an air-fuel mixture throttle valve shaft of a carburetor in a stratified scavenging two-cycle engine, wherein one of the valve shafts is a drive shaft and the other valve shaft is a driven shaft, wherein

the drive shaft and the driven shaft are disposed in a configuration to form an angle between the drive shaft and the driven shaft,

the transmissible connecting mechanism is arranged so as to be integrally rotatable with the drive shaft and the driven shaft respectively, and is provided with a pair of first cam member and a second cam member which are transmitted to each other in a contact manner, and

a part of a contact surface of the first cam member and a part of a contact surface of the second cam member are always maintained in a contact state at a time of a contact transmission of the first cam member and the second cam member.

Claim 2 (Previously Presented): The transmissible connecting mechanism between valve shafts forming an angle according to claim 1, wherein one cam member of the first cam member and the second cam member comprises a cam plate having a cam surface, the other cam member comprises a lever having a contact element which is brought into contact with the cam surface.

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Claim 3 (Previously Presented): The transmissible connecting mechanism between valve shafts forming an angle according to claim 1 or 2, wherein at least one cam member of the first cam member and the second cam member is structured such that the contact surface with the other cam member is extended in parallel to the valve shaft in which the one cam member is arranged.

Claim 4 (Previously Presented): The transmissible connecting mechanism between valve shafts forming an angle according to claim 1 or 2, wherein at least one cam member of the first cam member and the second cam member is slidably urged along the drive shaft or the driven shaft in which the first cam member or the second cam member is arranged, and toward the other second cam member or the first cam member.